

SAFETY DATA SHEET

Aqua Blok® WPU



Version
1.0

Revision Date:
2024/06/30

SDS Number:
100000027715

Date of last issue: -
Date of first issue: 2024/06/30

Section 1: Identification

Product name : Aqua Blok® WPU

Manufacturer or supplier's details

Company : Sika (NZ) Ltd.
85-91 Patiki Road
Avondale
Auckland AKL 1026

Telephone : +64 9 820 2900

Emergency telephone number : 0800 734 607

E-mail address : info@nz.sika.com

Telefax : +64 9 828 4091

Section 2: Hazard identification

GHS Classification

Hazardous to the aquatic environment - chronic hazard : Category 3

GHS label elements

Hazard pictograms : None

Signal word : None

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements :

Prevention:

P273 Avoid release to the environment.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

None known.

Section 3: Composition/information on ingredients

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Alcohols, C12-14, ethoxylated propoxylated	68439-51-0	>= 0.1 -< 0.25

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diuron (ISO)	330-54-1	≥ 0.025 -< 0.1
carbendazim (ISO)	10605-21-7	≥ 0.0025 -< 0.025
2-octyl-2H-isothiazole-3-one (OIT)	26530-20-1	≥ 0.0025 -< 0.025

Section 4: First-aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Keep eye wide open while rinsing.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : No known significant effects or hazards.
See Section 11 for more detailed information on health effects and symptoms.
- Notes to physician : Treat symptomatically.

Section 5: Fire-fighting measures

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Standard procedure for chemical fires.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Section 6: Accidental release measures

- Personal precautions, protective equipment and emergency procedures : For personal protection see section 8.
- Environmental precautions : No special environmental precautions required.
- Methods and materials for : Wipe up with absorbent material (e.g. cloth, fleece).

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containment and cleaning up Keep in suitable, closed containers for disposal.

Section 7: Handling and storage

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : For personal protection see section 8.
No special handling advice required.
Follow standard hygiene measures when handling chemical products
- Hygiene measures : When using do not eat or drink.
When using do not smoke.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Store in accordance with local regulations.
- Materials to avoid : No special restrictions on storage with other products.

Section 8: Exposure controls/personal protection

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
diuron (ISO)	330-54-1	WES-TWA	10 mg/m ³	NZ OEL
Further information: Suspected human carcinogen				

Personal protective equipment

- Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the spe-

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cific work-place.

Section 9: Physical and chemical properties

Appearance	:	viscous liquid
Colour	:	grey
Odour	:	No data available
Odour Threshold	:	No data available
pH	:	ca. 9.0
Melting point/ range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	23 hPa
Relative vapour density	:	No data available
Density	:	ca. 1.28 g/cm ³ (20 °C (68 °F))
Solubility(ies)		
Water solubility	:	soluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	ca. 48,000 mPa.s (20 °C (68 °F))
Viscosity, kinematic	:	> 20.5 mm ² /s (40 °C (104 °F))

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Explosive properties : No data available

Oxidizing properties : No data available

Volatile organic compounds (VOC) content : 3.0 g/l

Section 10: Stability and reactivity

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : The product is chemically stable.

Possibility of hazardous reactions : No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : No data available

Hazardous decomposition products : No hazardous decomposition products are known.

Section 11: Toxicological information

Acute toxicity

Not classified due to lack of data.

Skin corrosion/irritation

Not classified due to lack of data.

Serious eye damage/eye irritation

Not classified due to lack of data.

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Chronic toxicity

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

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STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

Section 12: Ecological information

Ecotoxicity

Components:

Alcohols, C12-14, ethoxylated propoxylated:

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 1 - 10 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 1 - 10 mg/l
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EC50 (Desmodesmus subspicatus (green algae)): 1 - 10 mg/l
plants Exposure time: 72 h

NOEC (Desmodesmus subspicatus (green algae)): 0.1 - 1
mg/l
Exposure time: 72 h

M-Factor (Acute aquatic tox- : 1
icity)

Toxicity to fish (Chronic tox- : LC50 (Leuciscus idus (Golden orfe)): 1 - 10 mg/l
icity) Exposure time: 96 d

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 1 - 10 mg/l
aquatic invertebrates (Chron- Exposure time: 48 d
ic toxicity)

M-Factor (Chronic aquatic : 1
toxicity)

diuron (ISO):

M-Factor (Acute aquatic tox- : 10
icity)

M-Factor (Chronic aquatic : 10
toxicity)

carbendazim (ISO):

M-Factor (Acute aquatic tox- : 10
icity)

M-Factor (Chronic aquatic : 10
toxicity)

2-octyl-2H-isothiazole-3-one (OIT):

M-Factor (Acute aquatic tox- : 100
icity)

M-Factor (Chronic aquatic : 100
toxicity)

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Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : There is no data available for this product.

Section 13: Disposal considerations

Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport information

International Regulations

IATA-DGR

UN/ID No. : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Packing instruction (cargo aircraft) : Not applicable
Packing instruction (passenger aircraft) : Not applicable

IMDG-Code

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
EmS Code : Not applicable
Marine pollutant : Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

NZS 5433

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UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Hazchem Code : Not applicable

Special precautions for user

Not applicable

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Chemical Weapons Convention (CWC) : Not applicable
Schedules of Toxic Chemicals and Precursors

HSNO Approval Number

HSR002670

Tolerable Exposure Limits (TEL)

Not applicable

Environmental Exposure Limits (EEL)

Not applicable

HSW Controls

Certified handler certificate not required.
Tracking hazardous substance not required.
Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

The components of this product are reported in the following inventories:

NZIoC : On the inventory, or in compliance with the inventory

Section 16: Other information

Revision Date : 2024/06/30
Date format : dd.mm.yyyy

Full text of other abbreviations

NZ OEL : New Zealand. Workplace Exposure Standards for Atmospheric Contaminants

NZ OEL / WES-TWA : Workplace Exposure Standard - Time Weighted average
ADG : Australian Dangerous Goods Code.
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS : Chemical Abstracts Service
DNEL : Derived no-effect level

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EC50	:	Half maximal effective concentration
GHS	:	Globally Harmonized System
IATA	:	International Air Transport Association
IMDG	:	International Maritime Code for Dangerous Goods
LD50	:	Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	:	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	:	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	:	Occupational Exposure Limit
PBT	:	Persistent, bioaccumulative and toxic
PNEC	:	Predicted no effect concentration
REACH	:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	:	Substances of Very High Concern
vPvB	:	Very persistent and very bioaccumulative

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

|| Changes as compared to previous version !

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